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B'
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ZUCHT, HANS-DIETER
LIEPKE, CORNELIA

<120> BIFIDOGENIC PEPTIDES

<130> 10496/P65141US0

<140> 09/508,095

<141> 2000-03-16

<160> 24

<170> PatentIn Ver. 2.1

<210> 1

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<223> Description of Artificial Organism: Synthetic bifidogenic peptide

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Glu Gln Leu Leu Arg Leu Lys Lys
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Tyr Leu Glu Gln Leu Leu Arg Leu Lys Lys Tyr
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Asn Arg Gln Arg Asn Ile Leu Arg
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<400> 5

Phe Gln Trp Gln Arg Asn Met Arg Lys
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His Thr Gly Leu Arg Arg Thr Ala
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 Lys Tyr Leu Tyr Glu Ile Ala Arg Arg
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Thr Tyr Tyr Ala Asn Pro Ala Val Val Arg Pro His Ala Gln Ile Pro
20 25 30

Gln Arg Gln Tyr Leu Pro Asn Ser His Pro Pro Thr Val Val Arg Arg
35 40 45

Pro Asn Leu His Pro Ser Phe
50 55

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Gly Arg Arg Arg Arg Ser Val Gln Trp Cys Thr Val Ser Gln Pro Glu
1 5 10 15

Ala Thr Lys Cys Phe Gln Trp Gln Arg Asn Met Arg Arg Val Arg Gly
20 25 30

Pro Pro Val Ser Cys Ile Lys Arg Asp Ser Pro Ile Gln Cys Ile Gln
35 40 45

Ala

<210> 19

<211> 48

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<400> 19

Gly Arg Arg Arg Arg Ser Val Gln Trp Cys Ala Val Ser Gln Pro Glu Ala
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Thr Lys Cys Phe Gln Trp Gln Arg Asn Met Arg Lys Val Arg Gly Pro
20 25 30

Pro Val Ser Cys Ile Lys Arg Asp Ser Pro Ile Gln Cys Ile Gln Ala
35 40 45

<210> 20

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 1 5 10 15
 Ala Thr Lys Cys Phe Gln Trp Gln Arg Asn Met Arg Lys Val Arg Gly
 20 25 30
 Pro Pro Val Ser Cys Ile Lys Arg Asp Ser Pro Ile Gln Cys Ile Gln
 35 40 45

Ala

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<400> 21
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 Thr Lys Val Ile Pro Tyr Val Arg Tyr Leu
 20 25

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<400> 23

Cys Ala Val Gly Gly Gly Cys Ile Ala Leu
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<210> 24

<211> 19

<212> PRT

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<223> Description of Artificial Organism: Synthetic bifidogenic peptide

<400> 24

Arg His Thr Arg Lys Tyr Trp Cys Arg Gln Gly Ala Arg Gly Gly Cys
1 5 10 15

Ile Thr Leu